## BID TABULATION: BEL AIRE STORM & SANITARY SEWER IMPROVEMENT

BIDS OPENED: JULY 20, 2005 2:00PM

## OPENED IN THE FINANCE CONFERENCE ROOM

		MOORE EXCAVATING PORTLAND OR		CANBY EXCAVATING PORTLAND OR		K & R PLUMBING CLACKAMAS OR		RCI CONSTRUCTION GROUP		
ITEM NO DESCRIPTION	UNIT	EST OTV	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
140 DESCRIPTION	UIIII	VII.	IRICE	IOIAL	INICE	IOIAL	TRICE	IOIAL	TRICE	IOIAL
TEMPORARY FEATURES &										
APPURTENANCES										
1 Mobilization	LS	1	\$52,351.66	\$52,351.66	\$30,456.25	\$30,456.25	\$90,000.00	\$90,000.00	\$200,000.00	\$200,000.00
2 Temporary Work Zone Traffic Control, Complete	LS	1	\$50,000.00	\$50,000.00	\$28,504.55	\$28,504.55	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
3 Erosion Control, Complete	LS	1	\$31,000.00	\$31,000.00	\$13,300.00	\$13,300.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
SCHEDULE "A" SANITARY SEWER IMPROVEMENTS										
A-1 Exploratory Excavations, complete in place	EA	15	\$1,500.00	\$22,500.00	\$246.45	\$3,696.75	\$1,000.00	\$15,000.00	\$100.00	\$1,500.00
A-2 Pre-Construction TV Inspection	LF	3705	\$2.00	\$7,410.00	\$2.20	\$8,151.00	\$3.25	\$12,041.25	\$3.00	\$11,115.00
12-inch PVC Sanitary Sewer Pipe, ASTM 3034										
A-3 SDR 35,0-10ft Depth, w/Class "B" Backfill	LF	800	\$60.00	\$48,000.00	\$62.50	\$50,000.00	\$87.00	\$69,600.00	\$65.00	\$52,000.00
12-inch PVC Sanitary Sewer Pipe, ASTM 3034										
A-4 SDR 35,10-15 ft Depth, w/Class "B" Backfill	CY	1700	\$75.00	\$127,500.00	\$81.25	\$138,125.00	\$109.00	\$185,300.00	\$75.00	\$127,500.00
12-inch PVC Sanitary Sewer Pipe, ASTM 3034										
A-5 SDR 35, 15-20 ft Depth, w/ Class "B" Backfill	LF	150	\$100.00	\$15,000.00	\$112.75	\$16,912.50	\$139.00	\$20,850.00	\$120.00	\$18,000.00
10-inch PVC Sanitary Sewer Pipe, ASTM 3034	LF	930	¢50.00	652.040.00	¢== 00	¢£1.004.00	\$97.00	600.010.00	\$60.00	¢55 000 00
A-6 SDR 35, 0-10ft Depth, w/Class "B" Backfill	LF	930	\$58.00	\$53,940.00	\$55.80	\$51,894.00	\$87.00	\$80,910.00	\$60.00	\$55,800.00
10-inch PVC Sanitary Sewer Pipe, ASTM 3034 A-7 SDR 35, 10-15 ft Depth, w/Class "B" Backfill	LF	125	\$73.00	\$9,125.00	\$70.45	\$8,806.25	\$117.00	\$14,625.00	\$80.00	\$10,000.00
8-inch PVC Sanitary Sewer Pipe, ASTM 3034 SDR	LI	123	\$73.00	\$9,123.00	\$70.43	\$6,600.23	\$117.00	\$14,023.00	\$80.00	\$10,000.00
A-8 35, 0-10ft Depth, w. Class "B" Backfill	LF	85	\$45.00	\$3,825.00	\$52.75	\$4,483.75	\$150.00	\$12,750.00	\$70.00	\$5,950.00
6-inch PVC Sanitary Sewer Pipe, ASTM 3034 SDR	- 131		Ψ-13.00	Ψ3,023.00	Ψ32.73	Ψ1,103.73	Ψ120.00	\$12,750.00	Ψ70.00	ψ3,730.00
A-9 35, 0-10ft Depth, w/ Class "B" Backfill	LF	285	\$45.00	\$12,825.00	\$43.80	\$12,483.00	\$80.00	\$22,800.00	\$77.00	\$21,945.00
4-inch PVC Sanitary Sewer Pipe, ASTM 3034 SDR										1=1/2.12.13
A-10 35, 0-10ft Depth, w/ Class "B" Backfill	LF	1420	\$45.00	\$63,900.00	\$42.80	\$60,776.00	\$70.00	\$99,400.00	\$75.00	\$106,500.00
6-inch PVC Sanitary Sewer Cleanout & Connect to										
A-11 Existing Service	EA	14	\$1,200.00	\$16,800.00	\$1,313.35	\$18,386.90	\$250.00	\$3,500.00	\$350.00	\$4,900.00
4-inch PVC Sanitary Sewer Cleanout & Connect to										
A-12 Existing Service	EA	62	\$1,200.00	\$74,400.00	\$1,289.30	\$79,936.60	\$250.00	\$15,500.00	\$345.00	\$21,390.00
A-13 Open Inside Drop Assembly 10-inch Sanitary	EA	1	\$1,000.00	\$1,000.00	\$816.40	\$816.40	\$600.00	\$600.00	\$800.00	\$800.00
A-14 Open Inside Drop Assembly 8-inch Sanitary	EA	6	\$1,000.00	\$6,000.00	\$695.30	\$4,171.80	\$500.00	\$3,000.00	\$650.00	\$3,900.00
Standard Concrete Sanitary Sewer Manhole, 48-										
A-15 inch	EA	11	\$3,000.00	\$33,000.00	\$2,997.95	\$32,977.45	\$3,300.00	\$36,300.00	\$4,500.00	\$49,500.00
A-16 Concrete Sanitary Sewer Flat Top Manholes	EA	1	\$2,800.00	\$2,800.00	\$2,857.70	\$2,857.70	\$3,000.00	\$3,000.00	\$4,200.00	\$4,200.00
Concrete Sanitary Sewer Manholes, Large Precast,	E.4	_	¢4,000,00	624 000 00	ØE 001 05	620.546.30	\$£ 000 00	¢2< 000 00	66,000,00	¢ 40 000 00
A-17 60-inch	EA EA	6	\$4,000.00	\$24,000.00	\$5,091.05	\$30,546.30	\$6,000.00	\$36,000.00 \$6,000.00	\$6,800.00	\$40,800.00 \$12,000.00
A-18 Construct Manhole Over Existing Sewer A-19 Connect to Existing Manholes	EA EA	2	\$4,000.00 \$1,500.00	\$8,000.00 \$3,000.00	\$2,833.65 \$3,654.00	\$5,667.30 \$7,308.00	\$3,000.00 \$3,000.00	\$6,000.00	\$6,000.00 \$1,400.00	\$12,000.00

				XCAVATING AND OR	CANBY EXCAVATING PORTLAND OR		K & R PLUMBING CLACKAMAS OR		RCI CONSTRUCTION GROUP	
ITEM		EST	UNIT		UNIT		UNIT		UNIT	
NO DESCRIPTION	UNIT	QTY	PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL
A-20 Abandon Pipes in-Place, 10-inch	LF	2650	\$4.00	\$10,600.00	\$2.05	\$5,432.50	\$7.50	\$19,875.00	\$5.00	\$13,250.00
A-21 N/A	EA			\$0.00		\$0.00		\$0.00		\$0.00
A-22 Abandon Pipes in-Place, 8-inch	LF	1055	\$4.00	\$4,220.00	\$1.50	\$1,582.50	\$7.25	\$7,648.75	\$4.00	\$4,220.00
A-23 Abandon Sanitary Sewer Manholes in Place	EA	9	\$1,700.00	\$15,300.00	\$406.20	\$3,655.80	\$1,000.00	\$9,000.00	\$700.00	\$6,300.00
A-24 Concrete Sidewalk Replacement	SF	1780	\$10.00	\$17,800.00	\$5.25	\$9,345.00	\$11.00	\$19,580.00	\$10.00	\$17,800.00
A-25 Concrete Curb Replacement Type "A"	LF	435	\$38.00	\$16,530.00	\$22.00	\$9,570.00	\$39.00	\$16,965.00	\$40.00	\$17,400.00
A 26 Tranch Pagurfacing Donth - 2.5 inches C1 "C" AC	SY	3,500	\$17.00	\$59,500,00	\$39.40	\$137,900.00	\$29.50	\$103,250.00	\$17.00	\$59,500,00
A-26 Trench Resurfacing-Depth = 3.5 inches, C1. "C" AC SUBTOTAL SCHEDULE "A"	31	3,300	\$17.00	\$790,326.66	\$39.40	\$777,743.30	\$29.30	\$925,495.00	\$17.00	\$889,070.00
SUBTOTAL SCHEDULE A				\$770,320.00		\$777,743.30		\$723,473.00		\$662,070.00
SCHEDULE "B" STORM DRAINAGE	<u> </u>									
IMPROVEMENTS										
42-inch RCP Storm Drain Pipe, ASTM C-76, Class										***************************************
B-1 V, 0-10 ft Depth, w/ Class "B" Backfill	LF	58	\$200.00	\$11,600.00	\$225.40	\$13,073.20	\$145.00	\$8,410.00	\$135.00	\$7,830.00
36-inch RCP Storm Drain Pipe, ASTM C-76, Class										
B-2 V, 0-10 ft Depth, w/ Class "B" Backfill	LF	176	\$175.00	\$30,800.00	\$167.75	\$29,524.00	\$140.00	\$24,640.00	\$145.00	\$25,520.00
36-inch RCP Storm Drain Pipe, ASTM C-76, Class										
B-3 IV, 0-10 ft Depth, w/ Class "B" Backfill	LF	1642	\$165.00	\$270,930.00	\$159.75	\$262,309.50	\$113.00	\$185,546.00	\$150.00	\$246,300.00
36-inch RCP Strom Drain Pipe, ASTM C-76, Class										
B-4 IV 10-15 ft Depth, w/ Class "B" Backfill	LF	431	\$155.00	\$66,805.00	\$207.95	\$89,626.45	\$140.00	\$60,340.00	\$190.00	\$81,890.00
30-inch RCP Storm Drain Pipe, ASTM C-76, Class										
B-5 IV, 0-10 ft Depth, w/Class "B" Backfill	LF	902	\$145.00	\$130,790.00	\$142.30	\$128,354.60	\$109.00	\$98,318.00	\$170.00	\$153,340.00
30-inch RCP Storm Drain Pipe, ASTM C-76, Class	LF	483	\$145.00	\$70,035.00	¢175.05	\$84,549.15	\$134.00	¢64.722.00	\$185.00	¢00.255.00
B-6 IV, 10-15 ft, w/ Class "B" Backfill 30-inch RCP Storm Drain Pipe, ASTM C-76, Class	LF	483	\$145.00	\$70,033.00	\$175.05	\$84,349.13	\$134.00	\$64,722.00	\$185.00	\$89,355.00
B-7 IV, 15-20 ft Depth. w/ Class "B" Backfill	LF	125	\$145.00	\$18,125.00	\$241.05	\$30,131.25	\$190.00	\$23,750.00	\$215.00	\$26,875.00
18-inch RCP Storm Drain Pipe, ASTM C-76, Class	1.1	123	\$145.00	\$10,125.00	\$241.03	\$50,131.25	Ψ130.00	\$25,750.00	\$215.00	\$20,675.00
B-8 IV, 0-10 ft Depth, w/ Class "B" Backfill	LF	42	\$125.00	\$5,250.00	\$78.75	\$3,307.50	\$90.00	\$3,780.00	\$120.00	\$5,040,00
12-inch PVC Storm Drain Pipe, ASTM 3034 SDR										
B-9 35, 0-10 ft Depth, w/Class "B" Backfill	LF	45	\$125.00	\$5,625.00	\$58.75	\$2,643.75	\$85.00	\$3,825.00	\$100.00	\$4,500.00
10-inch CSP Storm Drain Pipe, ASTM 3034 SDR										
B-10 35, 0-10 ft Depth, w/ Class "B" Backfill	LF	500	\$125.00	\$62,500.00	\$47.45	\$23,725.00	\$80.00	\$40,000.00	\$100.00	\$50,000.00
B-11 Concrete Storm Drainage Manholes, 48-inch	EA	2	\$3,000.00	\$6,000.00	\$2,653.65	\$5,307.30	\$2,750.00	\$5,500.00	\$4,000.00	\$8,000.00
Concrete Storm Drainage Manholes, Large Precast,										
B-12 60-inch	EA	14	\$4,000.00	\$56,000.00	\$4,722.80	\$66,119.20	\$5,000.00	\$70,000.00	\$6,500.00	\$91,000.00
Concrete Strom Drainage Manholes, Large Precast,	E4		65.000.00	#25 000 00	60 222 65	¢41.164.75	<b>#</b> E E00.00	¢27.500.00	610,000,00	#50.000.00
B-13 72-inch	EA	5	\$5,000.00	\$25,000.00	\$8,232.95	\$41,164.75	\$5,500.00	\$27,500.00	\$10,000.00	\$50,000.00
Concrete Strom Drainage Manholes, Large Precast B-14 Flat Top, 60-inch	EA	2	\$4,500.00	\$9,000.00	\$4,722.80	\$9,445.60	\$5,000.00	\$10,000.00	\$7,000.00	\$14,000.00
Concrete Storm Drainage Manholes, Large	EA		\$4,300.00	\$9,000.00	\$4,722.60	\$9,443.00	\$5,000.00	\$10,000.00	\$7,000.00	\$14,000.00
B-15 Precast,Flat Top, 72-inch 60-inch	EA	3	\$5,000.00	\$15,000.00	\$8,232.95	\$24,698.85	\$5,500.00	\$16,500.00	\$12,000.00	\$36,000.00
Concrete Storm Drainage Manholes, Large Precast	LA	3	ψ5,000.00	φ15,000.00	Ψυ,232.73	Ψ2-1,070.03	ψυ,υυυ.υυ	φ10,500.00	\$12,000.00	φ30,000.00
B-16 Flat Top, 84-inch	EA	1	\$5,800.00	\$5,800.00	\$9,010.35	\$9,010.35	\$6,000.00	\$6,000.00	\$18,000.00	\$18,000.00
B-17 Concrete Inlets, Type CG-2	EA	18	\$1,405.00	\$25,290.00	\$1,329.15	\$23,924.70	\$2,200.00	\$39,600.00	\$1,400.00	\$25,200.00
B-18 Connect to Existing Structures	EA	5	\$1,425.00	\$7,125.00	\$4,638.00	\$23,190.00	\$1,400.00	\$7,000.00	\$1,300.00	\$6,500.00
Trench Resurfacing - depth = 3.5 inches, CL. "C"										
B-19 AC	SY	3500	\$17.00	\$59,500.00	\$23.30	\$81,550.00	\$29.50	\$103,250.00	\$17.00	\$59,500.00
B-20 Abandon Pipes In -Place, 30-inch	LF	20	\$35.00	\$700.00	\$35.20	\$704.00	\$60.00	\$1,200.00	\$20.00	\$400.00

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ITEM NO DESCRIPTION	UNIT	EST QTY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
B-21 Abandon Pipes In -Place, 24-inch	LF	320	\$17.00	\$5,440.00	\$15.55	\$4,976.00	\$20.00	\$6,400.00	\$12.00	\$3,840.00
B-22 Abandon Pipes In -Place,, 18-inch	LF	660	\$17.00	\$11,220.00	\$8.40	\$5,544.00	\$10.50	\$6,930.00	\$10.00	\$6,600.00
B-23 Abandon Pipes In-Place, 12-inch	LF	644	\$14.00	\$9,016.00	\$5.00	\$3,220.00	\$9.00	\$5,796.00	\$6.00	\$3,864.00
B-24 Abandon Pipes In-Place 10-inch	LF	252	\$17.00	\$4,284.00	\$7.60	\$1,915.20	\$9.00	\$2,268.00	\$5.00	\$1,260.00
B-25 Abandon Pipes In-Place 8-inch	LF	494	\$16.00	\$7,904.00	\$4.15	\$2,050.10	\$9.00	\$4,446.00	\$4.00	\$1,976.00
B-26 Abandon Storm Manholes in place	EA	1	\$1,500.00	\$1,500.00	\$406.20	\$406.20	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00
B-27 Energy Dissipater	CY	32	\$73.00	\$2,336.00	\$94.65	\$3,028.80	\$150.00	\$4,800.00	\$45.00	\$1,440.00
B-28 Inlet Structure Modifications	LS	1	\$7,622.00	\$7,622.00	\$8,250.00	\$8,250.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
B-29 Open Inside Drop Assembly, 10-inch Storm	EA	1	\$1,000.00	\$1,000.00	\$1,316.40	\$1,316.40	\$500.00	\$500.00	\$800.00	\$800.00
B-30 Open Inside Drop Assembly, 12-inch Storm	EA	2	\$1,000.00	\$2,000.00	\$1,344.15	\$2,688.30	\$700.00	\$1,400.00	\$1,200.00	\$2,400.00
B-31 Stormwater Treatment System	EA	1	\$43,000.00	\$43,000.00	\$39,888.70	\$39,888.70	\$44,000.00	\$44,000.00	\$40,000.00	\$40,000.00
B-32 Concrete Diversion Structure	EA	1	\$13,700.00	\$13,700.00	\$12,476.00	\$12,476.00	\$18,300.00	\$18,300.00	\$15,000.00	\$15,000.00
B-33 Concrete Curb Replacement, Type "A"	LF	85	\$53.00	\$4,505.00	\$22.00	\$1,870.00	\$49.00	\$4,165.00	\$40.00	\$3,400.00
B-34 Landscape Restoration SF	SF	175	\$4.00	\$700.00	\$67.10	\$11,742.50	\$20.00	\$3,500.00	\$50.00	\$8,750.00
B-35 Retaining Wall, Cast-In-Place Concrete	SF	252	\$57.00	\$14,364.00	\$34.70	\$8,744.40	\$60.00	\$15,120.00	\$125.00	\$31,500.00
B-36 4-Foot Chain Link Fence	LF	33	\$48.00	\$1,584.00	\$55.00	\$1,815.00	\$6.10	\$201.30	\$30.00	\$990.00
SUBTOTAL SCHEDULE "B"				\$1,012,050.00		\$1,062,290.75		\$928,707.30		\$1,127,870.00
Extra Work as Authorized	LS	1	\$40,000.00	\$40,000.00		\$40,000.00		\$40,000.00		\$40,000.00
GRAND TOTAL BID AMOUNT				\$1,842,376.66		\$1,880,034.05		\$1,894,202.30		\$2,056,940.00